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No. 7] NEW DELHI, SATURDAY, FEBRUARY 13, 1982 (MAGHA 24, 1903)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 13th February 1982

APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE, 214 ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed
under Section 135, of the Act.

7th January, 1982

- 30/Cal/82. Dr. C. Otto & Comp. GMBH. Coke oven battery for the production of coke and gas.
- 31/Cal/82. CEM—Compagnie Electro-Mechanique. Sliding field inductor with orientated flux for agitation rollers in the continuous casting of slabs.
- 32/Cal/82. Westinghouse Electric Corporation. Electrical junction of high conductivity for a circuit breaker or other electrical apparatus.
- 33/Cal/82. Metallgesellschaft Aktiengesellschaft, Creusot-Loire Enterprises and Lafarge Coppee. Process of producing cement clinker.
- 34/Cal/82. D. I. Okun., I. I. Kaganovsky and L. G. Baitsur. Apparatus for coiling metal strips.
- 35/Cal/82. Mitsui Toatsu Chemicals, Incorporated and Toyo Engineering Corporation. Continuous bulk polymerization reactor.
- 36/Cal/82 W. Wiesinger Snap hinge of plastic material.

1—457 GI/81

8th January, 1982

- 37/Cal/82. Stauffer Chemical Company. N-Haloalkyl thio-benz-anilides and their use as fungicides.
- 38/Cal/82. The pittsburg & Midway Coal Mining Co. Method & system for separating coal liquefaction products from mineral residue.
- 39/Cal/82. The Pittsburg & Midway Coal Mining Co. Process for upgrading coal derived liquids.
- 40/Cal/82. Indian Oxygen Limited. Improved welding assembly.

11th January, 1982

- 41/Cal/82. Beloit Corporation. Preadjustable web splitter and non-deflecting mounting therefor.
- 42/Cal. 82. Beloit Corporation. Air reject gate.
- 43/Cal/82. The Pittsburg & Midway Coal Mining Co. Method for installing filter cloth on rotary drum.
- 44/Cal/82 Bethlehem Steel Corporation. Method of controlling a coking cycle.
- 45/Cal/82. The Pittsburg & Midway Coal Mining Co. Apparatus and method for let down of a high pressure abrasive slurry.

12th January, 1982

- 46/Cal/82. United Technologies Corporation Fuel cell power plant coolant cleaning system and method.
- 47/Cal/82. E. I. Du Pont DE Nemours and Company. Membrane electrochemical cell, and electrolysis process.

- 48/Cal/82. David Bowler & Sons Limited. Member for attaching a handle to a can. (January 13, 1981).
- 49/Cal/82. Peuk Produits Chimiques Ugine Kuhlmann. Process for generating chlorine dioxide.
- 50/Cal/82. Mitsubishi Mining & Cement Co. Ltd. and Mitsubishi Jukogyo Kabushiki Kaisha. Cyclone.
- 51/Cal/82. The B. F. Goodrich Company. Internally coated reaction vessel for use in olefinic polymerization.

13th January 1982

- 52/Cal/82. Georg Fischer Aktiengesellschaft. Method and apparatus for dosing the fuel supply for combustion packing of foundry sand moulds.
- 53/Cal/82. Trutzschler GMBH & Co. KG. Procedure and device for precipitating foreign bodies from cotton fibre flakes.
- 54/Cal/82. Westinghouse Electric Corporation. Controlled rotor rectifier arrangement for a slip recovery drive and two-quadrant operation system for a slip recovery drive.
- 55/Cal/82. Westinghouse Electric Corporation. High intensity-discharge lamp of the mercury-metal halide type which efficiently illuminates objects with excellent color appearance.
- 56/Cal/82. Metafuse Limited. Process and apparatus for treating electrically conductive matrices and products produced by the process.
- 57/Cal/82. Metafuse Limited. Process and apparatus for treating electrically conductive matrices, solutions for use in such a process, and products thereof.
- 58/Cal/82. Metafuse Limited. Solutions for the fusion of one metal to another.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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CLASS : 47A. 149600.
Int. Cl.-C10b 47/08, 47/10.

PROCESS FOR PRODUCING SPECIAL QUALITY LOW ASH METALLURGICAL COKE.

Application & Inventor : SHRI ASOK RANJAN DAS GUPTA, C/O. EASTERN CARBONS, "SNEH MILAN", TELEPHONE EXCHANGE ROAD, DHANBAD-826001, (BIHAR).

Application No. 1140/Cal/78 filed October 20, 1978.

Complete specification left January 21, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A process for the production of special quality low ash metallurgical coke the ash content of which does not exceed 10% by weight, which comprises mixing and pulverising (a) tertiary coal or low ash coal from lower ranks with one or more of the carbonaceous materials selected from the group consisting of : (b) coking coal, (c) non-coking coal or similar carbon in other forms, and (d) finely ground polymerised product of the aforementioned constituents (a) and (b), or that of the constituents (a), (b) and (c), the aforesaid constituents, in any desired combination mentioned here inbefore, being mixed in such ratio that the ratio between ash to ash plus fixed carbon in the mixture is maintained above 1 : 10, and in the case of the combination (a) and (c) or (a) and (d) said constituent (c) or (d) does not exceed 20% by weight of the total mixture, the pulverised mixture being charged into a preheated chamber and the temperature thereof being raised upto, 1250°C, the heating being continued in reducing condition, and the heated mass being thereafter cooled.

Prov. Specn. 5 Pages. Comp. Specn. 13 Pages. Drgs. Nil.

CLASS : 129F & G & J & O. 149601.
Int. Cl.-C21d 7/00, C22f 1/00. B21d 31/00, 37/02.

A METHOD OF AND APPARATUS FOR RIGIDISING OR STIFFENING SHEETS OF METALS OR ALLOYS AND RIGIDISED OR STIFFENED METAL OR ALLOY SHEETS.

Applicant : THE TATA IRON AND STEEL COMPANY LIMITED, OF JAMSHEDPUR, BIHAR, INDIA.

Inventors : BADANIDIYOOR VENKATA RAO AND DULAL CHANDRA BANERJEE.

Application No. 559/Cal/79 filed May 30, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claimed.

A method of rigidising or stiffening sheets of metals or alloys comprising forming patterns in the sheets by pressing, embossing or rolling the sheets, said patterns comprising projections and/or depressions arranged in rows and having axes directed in different directions.

Comp. Specn. 10 Pages. Drgs. 2 Sheets.

CLASS : 70C4. 149602.
Int. Cl.-C23f 5/00.

"AN IMPROVED PROCESS FOR THE ELECTRODEPOSITION OF BRIGHT ZINC COATINGS IN SUBSTRATES".

Applicants : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventors : BALKUNJE ANANTHA SHENOI, & MRS. MALATHY PUSHPAVANAM.

Application No. 548/Del/78 filed July 26, 1978.

Complete specification left on September 5, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Municipal Market, Saraswati Marg, Karol Bagh, New Delhi-110009.

3 Claims.

An improved process for the electrodeposition of bright zinc coatings on substrates wherein electrolytic bath comprising a neutral contents of 10-20 g/l of zinc, g/l of zinc, 80-150 g/l of potassium chloride, 30-60 g/l of boric acid used is characterised in that the bath contains as additional agents, 80-160 g/l of sodium gluconate, 0.05 to 1 g/l of benzimidazole thiol and 0.2-1 g/l of piperonal and the electrolysis is carried out at a pH of 5.5 to 6.5.

(Provisional specification 3 pages.)

(Complete specification 5 pages.)

CLASS : 40-B.

149603.

Int. Cl.-B01j. 11/12.

"AN IMPROVED PROCESS FOR THE PREPARATION OF REFORMATION CATALYST FOR USE IN REFORMING OF HYDROCARBONS".

Applicants : "COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA.

Inventors : JONNALAGADDA RAJAGOPALA RAO, NITTALA SOMESWARA RAO, & BHART RAMKRISHNA SANT.

Application No. 564/Del/78 filed August 1, 1978.

Complete specification left on August 10, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Municipal Market, Saraswati Marg, Karol Bagh, New Delhi-110005.

6 Claims.

An improved process for the preparation of reformation catalyst for use in reforming of hydrocarbons which comprises the steps of treating alumina with platinum (IV) salt, reducing the platinum salt impregnated on alumina with formic acid by using the known homogeneous precipitation technique to obtain platinum-on-alumina catalyst which is separated, washed and dried.

(Provisional specification 4 pages).

(Complete specification 6 pages).

CLASS : 32F₂b.

149604.

Int. Cl.-C07d 99/24.

A NOVEL PROCESS FOR PRODUCING 7-[D(-)-A-(4-ETHYL-2, 3-DIOXO-1-PIPERAZINE-CARBOXYAMIDO)-A-(4-HYDROXYPHENYL) ACETAMIDO]-3-[5-(1-METHYL-1, 2, 3, 4-TETRAZOLYL) THIOMETHYL]Δ 3-CEPHEM-4-CARBOXYLIC ACID.

Applicant : TOYAMA CHEMICAL CO., LTD., OF 2-5, 3-CHOME, NISHISHINJUKU, SHINJUKU-KU, TOKYO 160, JAPAN

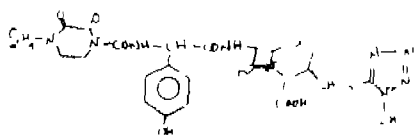
Inventors : ISAMI SAIKAWA, SHUNTARO TAKANO, KAISHU MOMNOI ISAMU TAKAKURA, CHIAKI KUTANI, KIYOSHI TANAKA AND KENSHIN HAYASHI.

Application No. 1020/Cal/78 filed September 18, 1978.

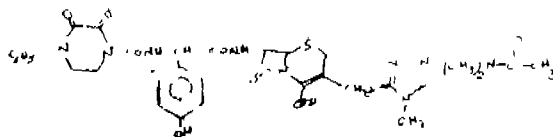
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for producing 7-[D(-) α-(4-ethyl-2, 3-dioxo-1-piperazine-carboxamido)-α-(4-hydroxyphenyl)-acetamido-3-[5-(1-methyl-1, 2, 3, 4-tetrazolyl) thiomethyl]Δ 3-cephem-4-carboxylic acid represented by the formula (II).



which comprises treating the N, N-dimethylacetamide adduct of 7-[D(-) α-(4-ethyl-2, 3-dioxo-1-piperazine-carboxamido)-α-(4-hydroxyphenyl) acetamido]-3-[5-(1-methyl-1, 2, 3, 4-tetrazolyl) thiomethyl]Δ 3-cephem-4-carboxylic acid represented by the formula (I).



with a solvent selected from the group consisting of water, hydrophilic organic solvents, hydrophobic organic solvents, and mixtures of water and hydrophilic or hydrophobic organic solvents to remove the N, N-dimethylacetamide.

Comp. specn. 18 Pages.

Drg. 1 sheet.

CLASS : 206D & E.

149605.

Int. Cl.-H03k 1/00.

A CIRCUIT ARRANGEMENT FOR MONITORING THE SQUARE OF AN EFFECTIVE VALUE OF A PERIODIC SIGNAL.

Applicant : SIEMENS AKTIENGESellschaft, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : HELMUT GLASER AND LUDWIG SCHICK.

Application No. 184/Cal/79 filed February 28, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A circuit arrangement for monitoring the square of an effective value of a periodic signal, comprising a squaring unit and an integrating unit connected at the output side of the squaring unit, a timing circuit for resetting the integrating unit by means of synchronising pulses occurring at periodic intervals depending upon the period of said periodic signal, a critical value recorder connected at the output side of the integrating unit to generate a pulse when its critical value is exceeded by the output signals of the integrating unit, a counting unit which has a counting input coupled to the output of the critical value recorder and which, when a predetermined counting content is reached, will provide an indicating signal, and a gate circuit via which resetting pulses are to be supplied to a resetting input of the counter in time with the synchronising pulses of the timing circuit, said gate circuit being arranged to block the resetting pulses whenever the critical value recorder has generated a pulse in the preceding periodic interval or whenever the predetermined counting condition is reached.

Comp. specn. 20 pages.

Drg. 2 sheets.

CLASS : 4A^a.

149606.

AN ARRANGEMENT USED IN TAKE-OFF FLIGHT-DECK FOR AN AIRCRAFT.

Applicant : HAWKER SIDDELEY AVIATION LIMITED, OF RICHMOND ROAD, KINGSTON-UPON-THAMES, SURREY, ENGLAND.

Inventors : DOUGLAS CHRISTOPHER THORBY AND JOHN JOHNSON.

Application No. 1776/Cal/77 filed December 28, 1977.

Convention date January 13, 1977/(01391/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

An arrangement used in take-off flight-deck for an aircraft having first and second sets of undercarriage wheels the second set being spaced both laterally and longitudinally of

the aircraft from the first set, said flight-deck having a terminal ramp that curves upward toward its end to launch the aircraft in a semi-ballistic trajectory, and further comprising at least one auxiliary ramp section upon the end portion of the main ramp and forming part of the runway surface which auxiliary ramp section has in the longitudinal direction of the ramp a different slope from the main ramp with the difference in the spacing between the surface of the auxiliary ramp and the main ramp increasing as the end of the main ramp is approached; said auxiliary ramp section occupying only a part of the width of the main ramp at a position where only one of said first and second sets of undercarriage wheels traverses said auxiliary ramp section during aircraft take-off while the other set remains contiguous with the main ramp, said auxiliary ramp providing a predetermined pitching moment to the aircraft at the instant of launch from the runway.

Comp. specn. 8 Pages.

Drg. 1 sheet.

CLASS : 27-I.

149607.

Int. Cl.-E04b 7/00.

A SUPPORT MEANS FOR CIVIL ENGINEERING STRUCTURES LIKE ROOFS, FLOORS, WALLS AND PARTICULARLY FOR USE IN MINES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventor : NADIMPALLI MURTY RAJU.

Application No. 522/Del/77 filed December 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims.

A support means for civil engineering structures like roofs, floors, walls and particularly for use in mines which comprising a rope bolt with caps or stands bonded at its two ends for grouting in holes drills in the structures and a set of packing units for tensioning of the said rope bolt to provide the desired support.

Comp. specn. 5 pages.

Drg. 3 sheets.

CLASS : 101B.

149608.

Int. Cl.-F16l 1/00, 25/00, 31/00.

A FLOWLINE CONNECTOR DEVICE AT A SUBSEA STATION.

Applicant : SOCIÉTÉ NATIONALE ELF AQUITAINE (PRODUCTION), OF TOUR AQUITAINE 92400 COURBEVOIE, FRANCE.

Inventor : GEORGES MICHE CHATEAU.

Application No. 09/Del/78 filed January 5, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims.

A flowline connector device at a subsea station for a flowline laid on the sea floor, comprising : a conical connector receptacle supported by the subsea station prolonged by a cylindrical pipe element and adjacent to spaced guide posts : an elongated mandrel on a proximate end of the flowline; means for pulling said mandrel toward and into said receptacle; and means for locking said mandrel in the connector receptacle, characterized in that the cylindrical pipe element of the receptacle is provided with a recess capable of receiving a latch member, and said mandrel being adapted to cooperate with the receptacle and longitudinally extending guide fins for camming said latch member into position for latching engagement with said latch receiving recess.

Comp. specn. 13 pages.

Drg. 4 sheets.

CLASS : 42A..

149609.

Int. Cl.-A24d 1/00.

A NOVEL CONSTRUCTION OF A CIGARETTE.

Applicant & Inventors : PROF. DHANANJAY RAMCHANDRA PHATAK AND MRS. VIJAYA PHATAK AND RAMCHANDRA DIWAKER PHATAK, OF 17, CAMAC STREET, CALCUTTA-700 017, INDIA.

Application No 102/Cal/78 filed January 27, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A cigarette consisting of a rod of tobacco enclosed within a paper cylinder or tube and having a burning and mouth end, a longitudinal passage extending from said burning to the mouth end, characterised in that a member is provided at or in the proximity of the mouth end, said member comprising of a plate or cap with a hole coincident with said passage such that the drawn smoke passes through said hole, said passage being defined by a tube made of tendu leaf and is disposed centrally of said cigarette.

Comp. specn. 10 pages.

Drg. 1 sheet.

CLASS : 84C.

149610.

Int. Cl.-C10b 53/04

PROCESS FOR THE PRODUCTION OF METALLURGICAL MOLDED COKE.

Applicant : DIDIER ENGINEERING GMBH, OF ALFREDSTRASSE 28, 4300 ESSEN FEDERAL REPUBLIC OF GERMANY.

Inventor : ROBERT TETTWEILER.

Application No. 145/Cal/78 filed February 7, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims. No drawings.

A process for the production of metallurgical molded coke in an indirectly heated by-product oven by means of coking briquettes particularly those made of pitch bonded coal mixtures characterised by the improvement that the briquettes for coking are arranged in the coking chamber in such a manner that the ratio of the surface area of the briquettes to the volume of the briquettes bears the definite relationship to the inner width of the coking chamber, this relationship thereby giving a definite proportions to the surface, area of all briquettes adjoining heating walls to the surface of the heating wall which is governed by the equation for a given chamber width B in meters :

$$K = \frac{1}{2} \times \frac{\frac{O}{B}}{V} \times (1-c) \times B,$$

where : k_s is the proportion of the surface of all briquettes adjoining to the heating walls to the surface of the heating walls of the oven, $O(B^2)$ the surface of one briquette in sq. meter $V(B^3)$ the volume of one briquette in cubic meter and the degree of gaps of the briquette fill.

Comp. specn. 11 pages.

Drgs. Nil.

CLASS : 32Fd.

149611.

Int. Cl.-C07c 169/00, A61k 27/00.

PROCESS FOR PREPARING TRIAMCYNOLONE ACETONIDE ESTERS.

Applicant : SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., OF 47 VIALE SHAKESPEARE, 00144 ROMA, ITALY.

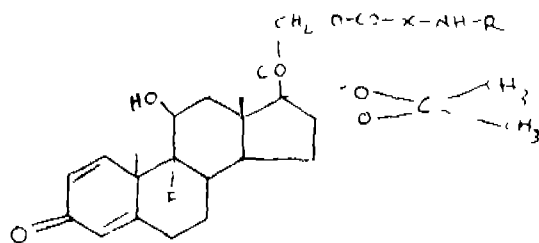
Inventors : DR. CLAUDIO CAVAZZA AND DR. ENRICO, DIAMANTI.

Application No. 672/Cal/78 filed June 17, 1978

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A process for preparing a triamcynolone acetonide ester of the formula I.



Formula I

wherein R is $-\text{CO}-\text{CH}_3$ or $-\text{CO}-\text{C}_6\text{H}_5$ and X is a linear or branched chain alkylene radical having from 2 to 10 carbon atoms, which comprises reacting the corresponding triamcynolone acetonide with an acyl chloride of the formula II



wherein R and X are as defined above, in an inert, dry organic solvent such as herein described at a temperature of from 10° to 50°C in the presence of an acceptor such as herein described for the hydrogen halide formed by the reaction.

Comp. specn 9 pages

Drg 1 sheet.

CLASS : 97II

149612

Int. Cl.-H05b 3/62.

IMPROVEMENT IN OR RELATING TO ELECTRIC FURNACE

Applicant & Inventor : BIRESWAR BYSAKH, 55, W. C. BANERJEE STREET, CALCUTTA-6, INDIA.

Application No. 697/Ca/78 filed June 23, 1978

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

An electric furnace for heating or melting of article or material/s comprising in combination, a furnace block containing heating elements supportedly held inside a heating cavity formed by assembly of surfaces of plurality of refractory components or materials on all the vertical sides and on the top side of the said heating cavity, fixedly assembled together inside a frame which is elevatedly and projectingly mounted in cantilever manner on a structural-framed stand, the bottom floor of said heating cavity of said furnace block being formed by the top surface of a vertically movable refractory insert which is inserted through a throat opening of matching cross-section provided at the bottom side of the said fixedly held refractory assembly around the heating cavity, wherein by lowering the said bottom refractory insert an opening facing downwards is formed leaving a hollow throat opening of the heating cavity through the bottom side of the fixedly held refractory assembly within the furnace block, thereby access into the heating cavity for entry of the article/s or material/s to be fired or melted is possible only through such hollow throat opening as formed by lowering down the said bottom refractory inserts; a vertically movable counter-weightedly balanced platform assembly having mounted on the top surface of which a single or a plurality of fixed or swingable refractory insert/s and top surface of any one of which being alignable to form the bottom floor refractory of heating cavity being so protrudingly affixed in alignment that when the platform assembly is moved up to its raised position, the aligned refractory insert gets engaged in a sealing manner through the bottom throat opening of the heating cavity thereby the top of the said refractory insert simultaneously works as floor of the furnace to hold the article/s to be fired or materials in crucible/s to be melted, a hauling gear-device or any such conventional means of operating the platform assembly to get the same so guidedly and slidably raised and lowered along a vertical slide or the like arrangement, that at the topmost position, one refractory insert being engaged with the said downwardly facing throat opening at the bottom side of the furnace block, the said throat opening gets

sealed, and the article/s to be fired or materials to be melted being placed on the top surface of the refractory insert, get enveloped in the hot ambient temperature inside the closed heating cavity.

Comp. specn. 21 pages

Drg. 1 sheet.

CLASS : 144, E2.

149613.

Int. Cl.-C09, K 3/00.

"METHOD OF STABILIZING VISCOSITY AND INCREASING CONCENTRATION OF AQUEOUS MAGNESIA SLURRIED COMPOSITIONS AND COMPOSITIONS THUS STABILIZED AND CONCENTRATED"

Applicants : ARMCO, INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF OHIO, OF 703 CURTIS STREET, MIDDLETOWN, OHIO, UNITED STATES OF AMERICA.

Inventors : MICHEL HARRIS HASELKORN & DAVID WILLIAM.

Application No. 586/Del/78 filed on August 8, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Municipal Market, Saraswati Marg, Karol Bagh, New Delhi-110005.

12 Claims.

A method of stabilizing the viscosity and increasing the concentration of an aqueous magnesium slurried composition adapted to form an insulative glass film on silicon steel strip and sheet surfaces in which the magnesium has a citric acid activity less than 200 seconds, comprising the step of mixing with water said magnesium and a decomposable phosphate compound chosen from the group consisting of calcium phosphates, water soluble ammonium poly phosphate, aluminum phosphate magnesium phosphates, phosphoric acid, and mixtures thereof, characterized by adding magnesium in an amount sufficient to provide from about 0.1 to about 0.24 grams per cubic centimeter of slurry, and by adding said phosphate compound in an amount sufficient to provide from 0.5% to about 25% by weight calculated as P_2O_5 , based on the weight of magnesium.

(Complete Specification 20 pages).

CLASS 32A.

149614.

Int. Cl.-C09b 29/00.

PROCESS FOR THE PREPARATION OF NOVEL DISPERS AZO DYE STUFFS.

Applicant : HOECHST AKTIENGESellschaft, OF D-6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

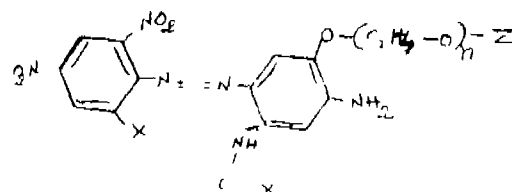
Inventor : REINHARD HANNIE

Application No. 872/Ca/78 filed August 9, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

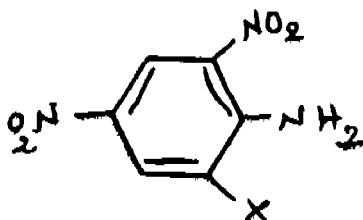
1 Claim.

Process for the preparation of dyestuffs of the general formula I.

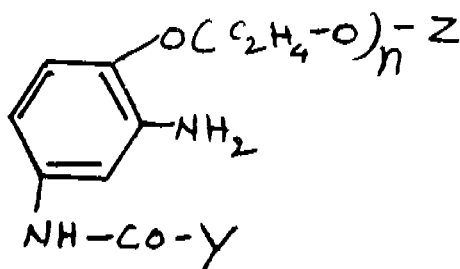


in which X is a chlorine or bromine atom, Y and Z which are independent of each other represent methyl or ethyl, and

n is the integer 1 or 2, which comprises coupling diazotized amines of the general formula II.



in an aqueous solution with coupling components of the general formula III.



in which X, Y, Z and n are defined as above.

Comp. specn. 7 pages.

Drsg. 1 sheet.

CLASS : 32C₂ & F.

149615.

Int. Cl.-C07g 17/00.

PROCESS FOR PREPARING SULFURIZED COMPOSITION.

Applicant : THE LUBRIZOL CORPORATION, OF 29400 LAKELAND BOULEVARD, WICKLIFFE, OHIO 44092, U.S.A.

Inventor : KIRK EMERSON DAVIS.

Application No. 972/Cal/78 filed September 4, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

33 Claims No drawings.

A process for preparing a sulfurized composition which comprises the steps of (a) reacting, under superatmospheric pressure, at a reaction temperature in the range of 50 to 300°C and in the presence of a basic catalytic material, (i) at least one compound having a non-aromatic carbon to carbon unsaturated bond; (ii) Sulfur; and (iii) hydrogen sulfide, wherein the molar ratio (a) of (i) to (ii) is in the range of 1 to from 0.1 to 3.0 and in the molar ratio (b) of (i) to (iii) is in the range of 1 to from 0.1 to 1.5; (B) separating by conventional method from the reaction product of step (A) any low boiling materials; and (C) optionally treating by conventional method the separated product of (B) to reduce active sulfur, whereby the desired sulfurized composition is obtained.

Comp. specn. 42 pages.

Drsg. Nil.

CLASS : 156D.

149616.

Int. Cl.-F04b 23/00.

A PUMP FOR BEING DRIVEN BY A BICYCLE.

Applicant : TUBE INVESTMENTS OF INDIA LIMITED, 28, NORTH BEACH ROAD, MADRAS-600 001, TAMIL NADU.

Inventor : DATTADA PANDURANGA MOHAN RAO.

Application No. 133/MAS/79 filed July 19, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims.

A pump for being driven by a bicycle comprising a piston disposed in a cylinder, the piston being connected to a crank rod; a plunger connected to the piston for reciprocating therewith, the plunger being disposed in a chamber having at least two one-way suction ports at either end thereof and at least two corresponding one-way discharge ports, whereby suction and discharge pressures are alternately set up on either side of the plunger, during reciprocation thereof in the chamber, so as to constrain fluid outside the chamber to be drawn therein through the suction ports alternately and discharged therefrom through the discharge ports alternately, characterised in that an eccentric is attached to the crank rod, the said eccentric being engaged with an axle provided with a free wheel, whereby the eccentric is driveable by coupling the driving chain of a bicycle to the free wheel, to cause the crank rod to reciprocatingly drive the piston and the plunger.

Comp. specn. 8 pages.

Drsg. 2 Sheets.

CLASS : 123.

149617.

Int. Cl.-C05f 5/00.

THE FERTILISER.

Applicant : THE BELSUND SUGAR CO. LTD., P.O. RIGA, DISTT. SITAMARHI, BIHAR, INDIA.

Inventor : B. N. PANDFY.

Application No. 748/Cal/79 filed July 20, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A process for the preparation of a fertilizer, particularly suitable for sugar canes crop comprising fermentation and drying the press mud in sun obtained from sulphitation of cane juice, feeding this dried mass to steam jacket conveyors fitted with air blowers for further drying to reduce the moisture content from 45% to 10%, mixing this dried mass with saw dust, urea, triple superphosphate and muriate of potash in a mechanical mixer to produce a homogenous fertilizer composition.

Comp. specn. 7 pages.

Drsg. 1 sheet.

CLASS : 125 (B₂+B₃)

149618.

Int. Cl.-B67d 5 12.

AN IMPROVED DELIVERY DEVICE.

Applicant & Inventor : SRINIVASAN THIRUMALAI SRINIVASAN, OF BON SERVICE, 767-MOUNT ROAD, MADRAS-600 002, TAMIL NADU.

Application No. 175/Mas/79 filed September 17, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

7 Claims

An improved delivery device for delivering fuel from a fuel reservoir to a container comprising a delivery nozzle which is opened or closed by a lever, said delivery device being connected through a delivery pipe, hose or like means to the said reservoir from which the fuel is pumped to the said delivery device by a motor and a known control means provided with the said device for activating said motor, said control means being operable simultaneously with or just before or after the operation of the said lever.

Comp. 10 pages; Drws. 2 sheets of 33.00 cms. \times 41.00 cms.

CLASS : 176-I.

149619.

Int. Cl.-F22b 7'00.

FLUE GAS REHEAT SYSTEM FOR STEAM GENERATORS HAVING WET SCRUBBERS.

Applicant : COMBUSTION ENGINEERING, INC., OF
1000 PROSPECT HILL ROAD, WINDSOR, CONNECTI-
CUT UNITED STATES OF AMERICA

Inventor : EDWARD JOSEPH ANGELINI.

Application No. 1029/Cal/79 filed October 4, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

In a gas reheating system for a steam generator and a plurality of wet scrubbers, said steam generator having tubes lining a furnace wall and water flowing therethrough, down-comer means arranged to recirculate water from a location downstream of said tubes to a location upstream of said tubes, said wet scrubbers receiving flue gases from said steam generator and discharging the gases to atmosphere, and tubular gas reheating surface located in the stream of discharging gas from each wet scrubber, the improvement comprising : a heat exchanger; means for conveying a low pressure fluid from said heat exchanger to and from each of said gas reheating surfaces; and means for circulating high pressure water from said downcomer means through said heat exchanger in heat exchange relationship with the low pressure fluid and for returning the high pressure water to said down-comer means.

Comp. specn. 6 pages.

Drg. 1 sheet.

CLASS : 105B.

149620.

Int. Cl.-G01f 23/20.

A DEVICE FOR INDICATING PROGRESSIVE CONSUMPTION OF FUEL, CONTAINED IN A DOMESTIC GAS CYLINDER.

Applicant & Inventor : SEVUGAN RAMASWAMY, OF
111D, FIRST MAIN ROAD, ANNA NAGAR, MADRAS-
600 040, TAMIL NADU.

Application No. 115/Mas/80 filed June 26, 1980.

Complete specification left October 25, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

4 Claims.

A device for indicating progressive consumption of fuel contained in a domestic gas cylinder comprising a frame and a base, the said frame being mounted on a vertical shaft provided in a cylindrical body having an outer compression spring being anchored to the base, the said shaft being slidably disposed in a vertical slot provided in the cylindrical body and is capable of up and down movement on ball bearing provided on studs housed in the cylindrical body, the said shaft having fixed thereto a pin adapted to move in a guideway provided in the cylindrical body so as to prevent circular movement of the shaft, the said frame also having precalibrated scale, an indicating means and an actuating means.

Prov. 2 pages; Comp. 6 pages; Drwgs 2 sheets.

CLASS : 154F.

149621.

Int. Cl.-B41f 1/00.

PROCESS AND MACHINE FOR PRINTING BY DEPOSITION.

Applicant & Inventor : CHANDRA PARKASH KANT,
C/O. STATESMAN HOUSE, 4, CHOWRINGHEE SQUARE,
CALCUTTA-700 001, INDIA.

Application No. 1264/Cal/79 filed December 3, 1979.

Complete Specification left September 12, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

Machine for printing by deposition comprising feeding unit having feeding channels to feed ink/lacquer to the printing-plate for printing, depositing the ink/lacquer on paper or board; a base-plate on which the said printing-plate is placed and on which an impression unit with impression plate is provided over the said printing-plate for impression purpose; a Frisker unit is provided in the said Base-plate and Printing-plate for releasing the paper after place; the arrangement between the Printing-plate being such that when in the Feeding Unit is higher than that in the Printing-plate, the ink/lacquer is printed/deposited on paper/board.

Prov. specn. 6 pages. Comp. specn. 9 pages, Drg. 3 sheets.

CLASS : 27-I.

149622.

Int. Cl.-F04c 1/00.

AN AUTOMATIC BUILDING BLOCKS MOULDING MACHINE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJIV MARG, NEW DELHI-110001, INDIA.

Inventors : DR. BANDHUVULA VENKATA SUBRAHMANYAM, PROF. GURUVAYUR SUBRAMANIAM RAMASWAMY, SHRI VENKATAPPA NAGARAJU, SHRI ASHOK CHAKRAVARTHY AND SHRI AGORA NARAYANASWAMY

Application No 398/Del/77 filed November 18, 1977.

Complete specification left November 9, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims.

An automatic continuous building blocks moulding machine comprising means to move plurality of moulds in a cycle from a material feeding station to a block moulding station and to a block ejecting station, connected with (a) a plunger means to apply hydraulic pressure to the mould to form the building block at the block moulding station (b), a mean to eject the moulded building block from the mould at the block ejecting station, (c), a hydraulic power pack and (d) a control system to effect coordination and synchronisation of the movement of the mould and actuation of the hydraulic plunger means and the ejection means to effect the desired moulding and ejection of the building blocks and return of the empty mould to the material feeding station in a cyclic and continuous manner.

Prov. specn. 8 pages. Comp. specn 11 pages, Prov. Drg. 3 sheets, Comp. Drg. 2 sheets.

CLASS : 69-I.

149623.

Int. Cl.-H05b 37/00.

PROGRAMMABLE ELECTRICAL ASSEMBLY.

Applicant & Inventors : SOMNATH MUKHERJEE, OF
P57 JODHPUR PARK, CALCUTTA-700068, WEST BENGAL INDIA AND SAMIR DHARCHAUDHURI, OF
C.M.C. 28, CAMAC STREET, CALCUTTA-700016, WEST BENGAL, INDIA.

Application No. 935/Cal/78 filed August 24, 1978.

Complete specification left September 14, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A programmable electrical assembly for automatic operation of lighting loads including a light sensor unit, a clock, a control unit and a triggering unit, said light sensor unit comprises a transducer in association with a comparator, said transducer being placed in a bridge circuit, said clock comprises a crystal oscillator in association with frequency dividers, said control unit consists of sequential circuits and

combinational logic circuits and said triggering unit consists of an SCR switch in association with a relay, wherein both said clock and light sensor unit being electrically connected to said control unit to actuate the latter and said control unit being electrically connected to actuate said triggering unit.

Prov. specn. 12 pages, Comp. specn. 15 pages, Drg. 5 sheets.

CLASS : 195E.

149624.

Int. Cl.-G05d 9/00.

A PRESSURE REGULATION DEVICE FOR USE IN A PRESSURE REGULATED LIQUID SUPPLY INSTALLATION.

Applicant : SIEMENS AKTIENGESellschaft. OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : SIEGFRIED SCHONWALD AND ERHARD BRÜYER.

Application No. 124/Cal/79 filed February 9, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A pressure regulation device for use in a pressure-regulated liquid supply installation, the device comprising a housing containing a gas chamber to be separated from liquid in the installation, when the device is in use, by a resilient diaphragm of the device, and further comprising a diaphragm support insert having a rim adapted to be positioned at a predetermined location in the housing with a rim portion of the said diaphragm turned down around the rim of the insert so as to extend between that rim and an adjacent surrounding interior boundary region of the housing, the interior of the housing having a cross-section which reduces progressively, in the vicinity of the said predetermined location, in a direction of insertion of the said insert so that a packing of the device, fitted around the turned-down rim portion of the diaphragm, is caused to be pressed between that rim portion and the said interior boundary region as the insert is moved in the said direction to the said predetermined location in the course of assembly of the device.

Comp. specn. 9 pages.

Drg. 2 sheets.

OPPOSITION PROCEEDINGS

(1)

An opposition entered by The Associated Cement Companies Limited on the 21st June 1976 to the grant of a patent on application No. 138360 made by F. L. Smidth & Co. A/S has been partly allowed and a patent has been ordered to be sealed on the application subject to amendment of the specification.

(2)

The opposition entered by Pulling & Lifting Machines Private Limited to the grant of a patent of application No. 138761 made by Kanak Engineers Private Limited as notified in Part III, Section 2 of the Gazette of India dated the 23rd October, 1976 has been dismissed and a patent has been ordered to be sealed on the application.

(3)

The opposition entered by Pulling & Lifting Machines Private Limited to the grant of a patent on application No. 140117 made by Lifting Equipments & Accessories as notified in Part III, Section 2 of the Gazette of India dated the 2nd April 1977 has been dismissed and a patent has been ordered to be sealed on the application.

PATENTS SEATED

144924 145075 145101 145213 145916 146107 146129 146433
146609 146869 146884 146907 146935 147067 147139 147716
148438 148576 148580 148753 148754 148757 148855 148941
148972 148973 148974

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)

Assignment licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

144015.—M/s. Dart Industries, Inc.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. *Title of the invention*

- 141441 (07-01-74) Process and apparatus for sewage treatment.
143190 (18-09-74) A carbonated system and a process for rapid water disinfection in such system.
143192 (22-10-74) A process for the preparation of silver catalysts for the production of ethylene oxide.
143194 (06-11-74) Process for the preparation of ion exchange resin leads.
143486 (14-02-77) A process for the production of an aromatic spice extract.

RENEWAL FEES PAID

108826 108891 108916 109014 109015 109026 109146 109198
109478 109938 113860 114004 114088 114103 114133 114186
114241 114367 114557 114617 114728 114747 114758 114879
116558 118512 119317 119444 119487 119522 119582 119783
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124974 125000 125052 125110 125281 125299 125500 125508
125741 125871 125872 125908 125947 129798 129880 129934
129937 130013 130022 130048 130125 130282 130298 130313
130318 130367 130371 130483 130667 130775 131374 134230
134283 134291 134328 134509 134523 134677 134678 134783
134855 136389 136561 136616 136972 137684 137734 137956
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139991 140518 140777 140836 140940 141000 141053 141086
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144746 145283 145567 145599 145781 145821 146114 146216
146278 146387 146768 146824 147216 147219 147249 147299
147342 147395 147589 147668 147706 147810 148161 148419
148496

CANCELLATION OF PATENTS

103571 103573 103608 103609 103610 103615 103620 103636
103647 103661 103664 103672 103687 103692 103704 103722
103726 103733 103735 103736 103779 103783 103792 103807
103820 103823 103831 103853 103864 103868 103876 103877
103886 103895 103896 103905 103922 103925 103939 103946
103952 103959 103963 103964 103997 104013 104016 104019
124693 137573 144197 145379 145847 147595

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 115207 dated the 30th March, 1968 made by Council of Scientific and Industrial Research on the 29th January, 1981 and notified in the Gazette of India, Part-III, Section 2 dated the 27th June, 1981 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No 121188 dated the 6th May 1969 made by Identification Corporation on the 27th March 1981 and notified in the Gazette of India Part III Section 2 dated the 29th August 1981 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No 14605 dated the 14th February 1972 made by Clayton Devano Company Limited on the 15th February, 1979 and notified in the Gazette of India Part III Section 2 dated the 8th March, 1980 has been allowed and the said patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No 139258 dated the 11th March 1974 made by Council of Scientific and Industrial Research on the 29th January 1981 and notified in the Gazette of India Part III, Section 2 dated the 27th June 1981 has been allowed and the said patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No 141027 dated the 26th July 1975 made by Josef Krings on the 24th March 1981 and notified in the Gazette of India Part III Section 2 dated the 8th August 1981 has been allowed and the said patent restored.

(6)

Notice is hereby given that an application for restoration of Patent No 141372 dated the 26th July, 1975 made by Josef Krings on the 24th March 1981 and notified in the Gazette of India Part III Section 2 dated the 8th August 1981 has been allowed and the said patent restored.

(7)

Notice is hereby given that an application for restoration of Patent No 142147 dated the 25th July 1975 made by Josef Krings on the 24th March 1981 and notified in the Gazette of India Part III Section 2 dated the 8th August, 1981 has been allowed and the said patent restored.

(8)

Notice is hereby given that an application for restoration of Patent No 142451 dated the 26th July 1975 made by Josef Krings on the 24th March, 1981 and notified in the Gazette of India Part-III, Section 2 dated the 1st August, 1981 has been allowed and the said patent restored.

(9)

Notice is hereby given that an application for restoration of Patent No 142486 dated the 19th February 1975 made by The Chief Controller Research & Development on the 12th January, 1981 and notified in the Gazette of India Part-III, Section 2 dated the 13th June 1981 has been allowed and the said patent restored.

(10)

Notice is hereby given that an application for restoration of Patent No 144542 dated the 24th April, 1976 made by Federal Mogul Corporation on the 18th February, 1981 and notified in the Gazette of India, Part-III, Section 2 dated the 20th June 1981 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 5 No 150753 ITC Limited of 37, Chowringhee Road, Calcutta, West Bengal "Match Boxes". May 13, 1981

Class 5 No 150754 ITC Limited of 37 Chowringhee Road Calcutta, West Bengal "Match Boxes". May 13 1981

Class 5 No 150755 ITC Limited of 37 Chowringhee Road Calcutta West Bengal "Match Boxes". May 13 1981

Class 5 No 150756 ITC Limited of 37 Chowringhee Road Calcutta West Bengal "Match Boxes". May 13 1981

Class 5 No 150757 ITC Limited of 37 Chowringhee Road Calcutta West Bengal "Match Boxes". May 13 1981

Class 5 No 150758 ITC Limited of 37, Chowringhee Road, Calcutta, West Bengal "Match Boxes". May 13 1981

Class 5 No 150759 ITC Limited of 37 Chowringhee Road Calcutta, West Bengal "Match Boxes". May 13 1981

Class 5 No 150760 ITC Limited of 37 Chowringhee Road Calcutta West Bengal "Match Boxes". May 13, 1981

Class 5 No 150761 ITC Limited of 37 Chowringhee Road Calcutta West Bengal "Match Boxes". May 13, 1981

Class 5 No 150831 ITC Limited of 37 Chowringhee Road Calcutta West Bengal "Match Boxes". May 30, 1981

Class 5 No 150912 ITC Limited of 37 Chowringhee Road Calcutta West Bengal "Match Boxes". June 18 1981

Class 5 No 150913 ITC Limited of 37 Chowringhee Road Calcutta, West Bengal "Match Boxes". June 18, 1981

Class 5 No 150914 ITC Limited of 37 Chowringhee Road Calcutta West Bengal "Match Boxes". June 18, 1981

Class 5 No 150915 ITC Limited of 37, Chowringhee Road Calcutta West Bengal "Match Boxes". June 18, 1981

Class 5 No 150916 ITC Limited of 37 Chowringhee Road Calcutta West Bengal "Match Boxes". June 18 1981

Class 5 No 150917 ITC Limited of 37 Chowringhee Road Calcutta West Bengal "Match Boxes". June 18, 1981

Class 5 No 150918 ITC Limited of 37, Chowringhee Road, Calcutta, West Bengal "Match Boxes". June 18, 1981

Class 5 No 150919 ITC Limited of 37 Chowringhee Road Calcutta, West Bengal "Match Boxes". June 18, 1981

Class 5 No 150920 ITC Limited of 37, Chowringhee Road, Calcutta, West Bengal "Match Boxes". June 18, 1981

Class 5 No 150921 ITC Limited of 37 Chowringhee Road Calcutta West Bengal "Match Boxes". June 18, 1981

Name Index of applicants for Patents for the month of November, 1981 (Nos/ 1217/Cal/81 to 1359/Cal/81, 307/Bom/81 to 328/Bom/81 201/Mas/81 to 221/Mas/81 and 694/Del/81 to 755/Del/81)

Name Appln No

A

AGO Chemicals S P A —1275/Cal/81

A H Robins Company, Inc —1260/Cal/81, 1261/Cal/81

Abex Corporation —1304/Cal/81, 1305/Cal/81

<i>Name</i>	<i>Appln. No.</i>	<i>Name</i>	<i>Appln. No.</i>
Achari, T. P. P.—216/Mas/81.		Dhar, S. K. (Prof.).—1353/Cal/81.	
Agarwal, M.—313/Bom/81.		Diamond Shamrock Corporation.—1243/Cal/81, 1323/Cal/81.	
Agarwal, M. (Mrs.).—313/Bom/81.		Director, All India Institute of Medical Sciences, The —710/Del/81, 711/Del/81.	
Air Preheater Company, Inc., The.—1285/Cal/81.		Donetsky Nauchno Issledovatel'skiy Institut Chernoi Metallurgii —1289/Cal/81, 1346/Cal/81.	
Alkali and Chemical Corporation of India Limited, The.—1239/Cal/81.		Donetsky Politekhicheskoy Institut.—1289/Cal/81, 1346/Cal/81.	
Allis-Chalmers Corporation—727/Del/81.			
Alsthom-Atlantique.—697/Del/81.		Douglas Cochran Sons & Company (Proprietary) Limited.—698/Del/81	
American Can Company. —1276/Cal/81.		Dubra, M. S.—1322/Cal/81,	
Anandvel, S. M.—202/Mas/81.		Dynamit Nobel Aktiengesellschaft.—1331/Cal/81.	
Anderson Strathclyde Limited.—740/Del/81.			
Anos, A. M.—705/Del/81.		E	
Armco Inc.—746/Del/81.		Eastern Craft Works.—1297/Cal/81.	
Arakiaswamy, A. C.—219/Mas/81.		Eimco (Great Britain) Limited.—1280/Cal/81.	
Asahi Glass Company Limited.—1263/Cal/81.		Electronic & Engineering Company.—326/Bom/81.	
Associated Engineering Italy S.p.A.—1293/Cal/81.		Equipments Automobiles Marchal.—716/Del/81.	
Automotive Products Limited.—695/Del/81.		Ethicon, Inc.—1248/Cal/81.	
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BASF Aktiengesellschaft.—1342/Cal/81.		F. L. Smidth & Co. A/S.—1277/Cal/81, 1278/Cal/81, 1279/Cal/81 and 1287/Cal/81.	
B.F. Goodrich Company, The.—1320/Cal/81.		F. Mannhart A.G.—1264/Cal/81.	
BPB Industries Public Limited Company (formerly BPB Industries Limited).—1246/Cal/81.		Faulkner, G. D.—717/Del/81.	
Babu, J.—212/Mas/81.		Fertilizer (Planning & Development) India Ltd., The.—1337/Cal/81, 1338/Cal/81.	
Barr & Stroud Limited.—1230/Cal/81.		Fomento de Inversiones Industriales S.A.—1300/Cal/81.	
Bharat Heavy Electricals Limited.—749/Del/81.		Freyssinet International (Stup.).—719/Del/81.	
Bhatt, S.—750/Del/81.		Fundacion Para La Educacion, La Ciencia Y La Cultura.—1322/Cal/81.	
Bhide, P. G.—322/Bom/81.		G	
Brown & Williamson Tobacco Corporation.—1227/Cal/81. 1344/Cal/81.		Gerard Antoine Justin Pons.—696/Del/81.	
Burroughs Corporation.—321/Bom/81.		Gideon Ruffenberg.—1234/Cal/81.	
C		Gill, P.—726/Del/81.	
C. Conradty Nurnberg G.m.b.H. & Co. KG.—1319/Cal/81.		Goculdas, M.—310/Bom/81, 327/Bom/81 and 328/Bom/81	
Chartered Industries of Singapore Pvt. Ltd.—728/Del/81, 729/Del/81, 730/Del/81, 731/Del/81, 732/Del/81, 733/Del/81, 734/Del/81, 735/Del/81, 736/Del/81, 737/Del/81, 738/Del/81 and 739/Del/81.		Gomashe, S. S.—317/Bom/81, 318/Bom/81.	
Chemicals and Fibres of India Limited.—1239/Cal/81.		Gopalakrishnan, K.—220/Mas/81.	
Chloride Group Limited.—1257/Cal/81, 1258/Cal/81.		Grant, I. A.—1328/Cal/81.	
Consejo Nacional De Investigaciones Cientificas Y Tecnicas.—1322/Cal/81.		Gupta, S.—208/Mas/81.	
Council of Scientific and Industrial Research.—702/Del/81, 703/Del/81, 707/Del/81, 720/Del/81, 721/Del/81, 723/Del/81 and 724/Del/81.		H	
Crespo, O.—1322/Cal/81.		Haldor Topsoe A/S.—1283/Cal/81.	
Crosby Valve & Gate Company.—1223/Cal/81.		Hindustan Lever Limited.—309/Bom/81.	
Cross Company, The.—1310/Cal/81, 1311/Cal/81.		Hitachi Ltd.—1262/Cal/81.	
D		Hyder, M. I.—1321/Cal/81.	
Dr. C. Otto & Comp. GMBH.—1266/Cal/81, 1267/Cal/81.		Hylsa, S. A.—1259/Cal/81.	
Das, S.—1217/Cal/81.		I	
Debex (Proprietary) Limited.—747/Del/81, 748/Del/91.		Indian Drugs and Pharmaceuticals Ltd.—725/Del/81.	
Dennison Manufacturing Company.—704/Del/81.		Indian Explosives Ltd.—1239/Cal/81.	
Denoya, C.—1322/Cal/81.		Indian Institute of Technology.—218/Mas/81.	
Deutsche Gold-Und Silber Schedeanstalt Vormal's Roessler.—1336/Cal/81.		Indian School of Mines.—1273/Cal/81.	
		Inventa A.G. Fur Forschung und Patenverwertung.—1296/Cal/81.	
		Ishizuka, H.—1354/Cal/81.	

<i>Name</i>	<i>Appln. No.</i>	<i>Name</i>	<i>Appln. No.</i>
J		P	
James W. Gardner Enterprises, Inc.—1298/Cal/81.		PLM AB.—1348/Cal/81, 1349/Cal/81	
John Stephen Nitschke.—1313/Cal/81.		Pacco Industrial Corporation.—752/Del/81.	
John Wyeth & Brother Limited.—1250/Cal/81.		Phillips Petroleum Company.—1302/Cal/81.	
Johns-Manville Corporation.—1251/Cal/81.		Pillai, N. V.—205/Mas/81.	
Johnson & Johnson.—1272/Cal/81.		Pittsburg & Midway Coal Mining Company, The.—1219/Cal/81.	
Joshi, B. R.—751/Del/81.		Planungs und Fertigungs-Gesellschaft m.b.H.—1282/Cal/81, 1292/Cal/81 and 1330/Cal/81.	
Joshi, V. M.—311/Bom/81.		Pont-A-Mousson S.A.—1256/Cal/81.	
K		Pressels Pvt. Ltd.—1347/Cal/81.	
Kanegaluchi Kagaku.—1241/Cal/81.		Pressure Cookers & Appliances Limited.—314/Bom/81.	
Kogyo Kabushiki.—1242/Cal/81.		R	
Kaisba.—1265/Cal/81, 1286/Cal/81.		Ram, M. M. A.—700/Del/81.	
Kantarao, M. I.—201/Mas/81.		Ramachandran, C. S.—211/Mas/81.	
Kearney & Trucker Corporation.—1245/Cal/81.		Ramjibhai, D. K.—323/Bom/81.	
Kejriwal, U.—1301/Cal/81.		Ray, P.—325/Bom/81.	
Kelkar, P.G.—320/Bom/81.		Robert Bosch G.m.b.H.—1332/Cal/81.	
Kennedy Van Saun Corporation.—1270/Cal/81.		Rollatainers Limited.—712/Del/81.	
Kerr McGee Chemical Corporation.—755/Del/81.		Ruti Machinery Works Ltd.—1318/Cal/81.	
Kontiki Chemicals & Pharmaceuticals Pvt. Ltd.—215/Mas/81, 217/Mas/81.		S	
Kunchithapadam, S.—221/Mas/81.		SKF Steel Engineering Aktiebolag.—1356/Cal/81, 1357/Cal/81 and 1358/Cal/81.	
Kushari, D. P.—1303/Cal/81.		Salam, A.—208/Mas/81.	
L		Sanofi.—1235/Cal/81, 1236/Cal/81 and 1237/Cal/81.	
Lanz Industrie-Technik AG.—1229/Cal/81.		Santrade Limited.—1244/Cal/81.	
Latorre, J. L.—1322/Cal/81.		Sarkar, P. R.—307/Bom/81.	
Lebendiker, M.—1322/Cal/81.		Scapa-Poltritt Limited.—754/Del/81.	
Lockheed Missiles & Space Company, Inc.—701/Del/81.		Schering Aktiengesellschaft.—713/Del/81.	
Lucas Industries Limited.—1231/Cal/81, 1299/Cal/81.		Schlotter, G.—1334/Cal/81.	
M		Schlumberger Limited.—1333/Cal/81.	
Maharajan, V.—210/Mas/81.		Schoen, C. O.—1252/Cal/81.	
Maplan Maschinen-und technische Anlagen.—1330/Cal/81.		Scodeller, E.—1322/Cal/81.	
Marley Company.—1284/Cal/81.		Scovill Japan Kanushiki Kaisha.—1343/Cal/81.	
Maschinenfabrik Pieter A.G.—1228/Cal/81.		Sharma, A. K.—743/Del/81.	
Messer Griesheim G.m.b.H.—1238/Cal/81.		Sharma, S. K.—753/Del/81.	
Massey-Ferguson Services N.V.—1269/Cal/81.		Shell Internationale Research Maatschappij B. V.—1225/Cal/81, 715/Del/81.	
Mathivanan, P.—213/Mas/81.		Sheritt Gordon Mines Limited.—1274/Cal/81, 744/Del/81.	
Mekaster Tools.—714/Del/81.		Shivathene Linourck (P) Limited.—709/Del/81.	
Metal Box India Limited.—1294/Cal/81, 1295/Cal/81.		Shroff, R.—315/Bom/81.	
Metal Box Limited.—1268/Cal/81, 1288/Cal/81.		Siddham, S. B.—319/Bom/81.	
Metallgesellschaft A.G.—1335/Cal/81, 1351/Cal/81.		Siemens Aktiengesellschaft.—1327/Cal/81, 1341/Cal/81.	
Mitsui Toatsu Chemicals Incorporated.—1221/Cal/81, 1307/Cal/81, 1308/Cal/81 and 1309/Cal/81.		Sinha, D. K.—694/Del/81.	
Mobil Oil Corporation.—1314/Cal/81.		Snamprogetti S.p.A.—1226/Cal/81.	
Monsanto Company.—1218/Cal/81, 1345/Cal/81.		Societe Alsacienne De Constructions Mecaniques De Mulhouse.—699/Del/81.	
Morgan Construction Co.—741/Del/81.		Societe D'Applications De Procèdes Industries Et Chimiques S.A.P.I.C.—742/Del/81.	
N		Societe Francaise D'Electrometallurgie Sofrem.—1249/Cal/81.	
NRM Corporation.—1306/Cal/81.		Solar Pump Corporation.—1271/Cal/81.	
Nagarajan, S.—206/Mas/81.		Sol-Ray Appliances Pvt. Limited.—312/Bom/81.	
Naik, P. B.—324/Bom/81.		T	
Naik, R. P.—324/Bom/81.		Techno Plast Industries.—308/Bom/81.	
National Distillers and Chemical Corporation.—1316/Cal/81, 1317/Cal/81.		Thangappan, R. (Dr.).—207/Mas/81.	
Nitto Doseki Co. Ltd.—1222/Cal/81.			
Nordipa A. G.—316/Bom/81.			
Norsk Led A.S.—1240/Cal/81.			

<i>Name</i>	<i>Appln. No.</i>	<i>Name</i>	<i>Appln. No.</i>
Thekral, S. K.—708/Del/81.		Veb Kombinat Fortschritt.—1352/Cal 81.	
Thirupathy, V. V. T.—203 Mas/81, 214/Mas/81.		Venugopal, V. D.—209/Mas/81.	
Titan Manufacturing Co. Pty. Ltd., The —718/Del/81, 722/ Del/81.		Victor Company of Japan, Ltd.—1315/Cal/81.	
Tohniwal Instruments Madras.—204/Mas/81.			
Toyo Engineering Corporation.—1221/Cal 81		W	
U		Wacker-Chemie G.m.b.H.—1220/Cal'81.	
Unie Van Kunstmeest-fabrieken B. V.—1281/Cal/81.		Wadia, B. J. (Dr.).—1329/Cal/81.	
Union Carbide Corporation.—1224/Cal/81, 1247/Cal/81, 1291/Cal/81, 1324/Cal/81, 1325/Cal/81 and 1359/Cal/ 81.		Wallace Murray Corporation.—1340/Cal/81.	
Unitroyal Limited.—745/Dcl/81.		Westinghouse Electric Corporation.—1232/Cal/81, 1233/ Cal/81, 1253/Cal/81, 1254/Cal/81, 1255/Cal/81, 1290/ Cal/81, 1326/Cal/81 and 1339/Cal. 81.	
Upravlenie Po Proektirovaniyu Zhilischno-Grazhdanskogo i Kommunalnogo stroitelstva Mosproekt-I.—1312/Cal/81, 1355/Cal/81.		Whitehall Corporation.—1350/Cal/81.	
V		Wishart, J. D.—706/Del/81.	
Varma, B. P.—708,Dcl/81.			
Vasquez, C—1322 Cal'81.		S. VIDARAMAN,	
		Controller General of Patents, Designs and Trade Marks.	